

SAMSONOV, S.K.

Finds of new-Caspian flora in western Turkmenistan and its
paleogeographical significance. Biul. MOIP. Otd. geol. 34
no.5:154-155 S-O '59. (MIRA 14:6)
(Turkmenistan—Paleobotany)

3(5)

AUTHOR:

Samsonov, S. K.

SOV/20-125-4-52/74

TITLE:

A Few Words on the New-Caspian Flora of West Turkmenia
(Neskol'ko slov o novo-kaspiyskoy flore Zapadnoy Turkmenii)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol.125, Nr 4, pp 873 - 875
(USSR)

ABSTRACT:

The New-Caspian sediments (Novo-Kaspiyskiye) are developed at several places of the coast of the Caspian Sea (Ref 4). Under the surface of the Balkhanskiy shore is at the deepest place a peat layer, up to 0.5 m thick, under a sand stratum with shells of *Cardium edule* L. which has a thickness of 0.1 - 0.5 m. Under this peat layer are again gray sand strata with *C. edule*. Peat samples were taken from 36 points approximately 1.5 km in the south-southwest of the station Belek (Ashkhabad railway) (under the assistance of L. F. Panteleyev). The material was investigated by the author at the kafedra torfyanykh mestorozhdeniy Moskovskogo torfyanogo instituta (Chair of Peat Occurrence of the Moscow Peat Institute). S. N. Tyuremnov, the Holder of the Chair, the assistants Ye. G. Skabeyeva, A. V. Dombrovskaya, S. F. Yefimova, and M. M. Koreneva helped in the investigation. The present paper deals with the botanical composition of the

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collected samples. The main mass of peat consists of parts of leaves, stalks, rhizomes, and smaller roots of Gramineae, sedge grass (*Carex*), and other herbaceous plants. Most of the determinable tissues belong to *Phragmites communis* (reed). Many remnants of *Scirpus* sp. and root tissue of *Menyanthes* are often found. *Scirpus lacustris*, *Nymphaea alba*, and N.sp. (fragments), a lot of *Potamogeton* sp., *Myriophyllum* sp., and *Alisma plantago-aquatica* (single) were determined among numerous seeds (by A. V. Dombrovskaya). Many zygotes of Characeae algae (cannot be completely determined), furthermore, many sporangia of *Salvinia natans* were found. Well conserved *Scirpus* seeds were most frequent. Most interesting were the parts of leaves of *Sphagnum* mosses. Their occurrence in the desert zone during the period mentioned in the title has hitherto not been known (determination of Ye. G. Skabeyeva, i. e. only up to the section). A great quantity of wood splinters was found. It could only be determined that they were gymnosperms. N. P. Gorbunova found Cyanophyceae (*Gloeotrichia* sp.). They are according to N. P. Gorbunova characteristic of fresh water. The above mentioned plant complex corresponds on the whole to shallow waters in a sunny place. The fauna was numerous: small shells of gastropods

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which were determined by Yu. G. Chel'tsov as *Clissiniola caspica* and *Cl. sp.*, furthermore, small shells of *Cardium edule* as well as splinters of chitin armors of Crustaceae. These waters are assumed to have existed in an interval between 2 New-Caspian transgressions. Their existence has several phases. Balkhanskiy shore was apparently during the first transgression a shallow coast water. After the sea had gone back a lake developed which first contained salt water and then fresh water. After the inlet had become rare the lake was transformed into stagnant gradually overgrown waters. *Scirpus* and other typical plants existed beside reed. The second New-Caspian transgression interrupted the further development of this flora. There are 4 Soviet references.

ASSOCIATION: Kompleksnaya yuzhnaya geologicheskaya ekspeditsiya pri Otdelenii geologo-geograficheskikh nauk Akademii nauk SSSR (Southern Geological Expedition for Multiple Purposes of the Department of Geological-Geographical Sciences of the Academy of Sciences, USSR)

PRESENTED: December 8, 1958, by D. I. Shcharbakov, Academician

SUBMITTED: December 2, 1958

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SAMSONOV, S. K.

Cand Geog Sci - (diss) "Paleogeography of Western Turkmenia in the new Caspian period according to data of floristic analysis." Moscow, 1961. 18 pp; (Inst of Geology and Development of Flammable Mineral Resources of the Academy of Sciences USSR, Laboratory of Paleofaunistics and Stratigraphy of Petroleum Gas-Bearing Regions); 150 copies; free; (KL, 6-61 sup, 201)

RIKHTER, V.G.; SAMSONOV, S.K.

On the last pages of the geological history of the Caspian Sea.
Izv. AN SSSR. Ser. geog. no.6:87-91 N-D '61. (MIRA 14:12)

1. NII Neftgaz Glavgeologii RSFSR i Institut geologii i razrabotki
goryuchikh iskopayemykh AN SSSR.
(Caspian Sea—Geology)

SAMSONOV, Stanislav Konstantinovich; ALIYEV, M.M., otv. red.;
ZUSMANOVICH, E.G., red.izd-va; DOROKHINA, I.N., tekhn.
red.

[Paleogeography of western Turkmenia in the Post-
Khvalynian time; based on analysis of floral data]
Paleogeografiia Zapadnoi Turkmenii v novokaspiiskoe
vremia; po dannym floristicheskogo analiza. Moskva, Izd-
vo AN SSSR, 1963. 124 p. (MIRA 16:11)

1. Akademiya nauk Azerbaydzhanskoy SSR (for Aliyev)
(Turkmenistan--Paleogeography)

SAMSONOV, S.K.

New data on the age of Upper Cretaceous sediments in the
Karatau. Dokl. AN SSSR 154 no.4:840-841 F '64.

(MIRA 17:3)

1. Institut geologii i razrabotki goryuchikh iskopayemykh.
Predstavleno akademikom D.I. Shcherbakovym.

MYAKOKIN, V.S.; NIKIFOROV, L.G.; SAMSONOV, S.K.

Age and stages of a Post-Khalynian transgression. Okeanologia
4 no.1:86-97 '64. (MIRA 17:4)

MAKSAKOV, Vasilii Gavrilovich; SHUL'GA, N.I., redaktor; SAMSONOV, S.S.,
redaktor; KARASIK, N.P., tekhnicheskii redaktor.

[Operations of narrow-gauge locomotives in lumbering; aid to locomotive machinists] Eksploatatsiia uskokoleinykh parovozov na lesozagotovkakh; v pomoshch' mashinistu parovoza. Moskva, Goslesbumizdat, 1954. 61 p.
(Locomotives) (MLBA 7:12)

SAMSONOV, T., Arkhitekt; GRISHOK, N.

Shortcomings of a standard plan. Obshchestv.pit. no.2:30-31 P '61.
(MIRA 14:3)

1. Direktor restorana "Volyn", rayonnyy tsentr Ratno, Volynskaya
oblast' Ukrainskaya SSR (for Grishok).
(Ratno--Restaurants, lunchrooms, etc.)

MAL'KOV, V.G., inzh.; PRILEPSKIY, V.I., inzh.; DUBROV, V.S., inzh. V rabote
prinimali uchastiye; KHIL'KO, M.M., inzh.; MERSHCHIY, N.P., inzh.;
CHETVERIKOV, V.Ya., inzh.; KUROV, I.N., inzh.; RATNER, B.R., inzh.;
BUEYCHEV, G.D., inzh.; ALFEROV, K.S., inzh.; PAVLENKO, N.M., inzh.;
FINKEL'SHTEYN, M.M., inzh.; PLUZHKO, N.F., inzh.; SAMSONOV, T.F.,
inzh.; BABENKO, N.N., inzh.; LAD'YANOV, N.I., inzh.; TUPIL'KO, V.S.,
inzh.

Decidizing and alloying 25G2C steel with ferromanganese and ferro-
silicon in 200-ton ladles. Stal' 20 no.9:803-806 S '60.(MIRA 13:9)
(Steel, Structural--Metallurgy)

SAMSONOV, V.

AGEYEV, H.; SAMSONOV, V.

X-ray analysis of the crystal structure of $TiSi$ and $TiGe$. Dokl.
AN SSSR 112 no.5:853-855 P '57. (MLRA 10:4)

1. Chlen-korrespondent Akademii nauk SSR (for Ageyev)
2. Institut metallurgii im. A.A. Baykova Akademii nauk SSSR.
(X-ray crystallography) (Titanium compounds)

SAMSONOV, V. (Severo-Kazakhstanskaya obl., Priishimskiy rayon, s. Bogolyubovo).

Study of electrical engineering. Politekh.obuch. no.10:82 0 '58.
(MIRA 11:11)

(Electric engineering--Study and teaching)

SAMSONOV, V., assistant

Starting gear of the "Zul'tser"-system 9CD60 marine diesel engine.
Mor. flot 19 no.5:11-13.My '59. (MIRA 12:7)

1.Odesskoye vyssheye inzherno-morskoye uchilishche.
(Marine diesel engines)

SAMSONOV, V., assistant

Application of powerful wire pickups in studying marine
diesel engines. Mor.flot 19 no.10:15-17 0 '59.
(MIRA 13:2)

1. Odesskoye vyssheye inzhenernoye Morskoye uchilishche.
(Oscillography)
(Marine diesel engines)

SAMSONOV, V., inzh.

Starting high-powered marine diesel engines with a low number of
revolutions. Mer. flot 20 no.9:21-23 S '60. (MIRA 13:9)

1. Odesskoye vyssheye inzhennoye morskoye uchilishche.
(Marine diesel engines)

SAMSONOV, V.

Improving the straightening and cutting-off machine. Mashinostroitel'
no.11:11 N '61. (MIRA 14:11)

(Cutting machines)

16.2400

S/055/62/000/005/004/004
I027/I227

AUTHOR: Samsonov, V.A.

TITLE: On the stability of solutions of a system of differential equations in certain cases

PERIODICAL: Vestnik Moskovskogo Universiteta. Seria I. Matematika, Mekhanika. no.5, 1962, 74-78

TEXT: Let $\lambda_1 \leq \lambda_2 \leq \dots \leq \lambda_n$ be the characteristic numbers of the system $\frac{dx_s}{dt} = \sum_{r=1}^n p_{sr}(t) x_r$, $s=1, \dots, n$, (1)

and let the vectors $\{\bar{x}_{s\alpha}(t, \tau)\}$, $s=1, \dots, n$, be a fundamental system of solutions such that $\bar{x}_{s\alpha}(\tau, \tau) = \delta_{s\alpha}$ (Kronecker symbol). Suppose that for every $\gamma > 0$ there is a $C(\gamma) > 0$ such that

$$|\bar{x}_{s\alpha}(t, \tau)| < C(\gamma) e^{-(\lambda_1 - \gamma)(t - \tau)}, t \geq \tau, s, \alpha = 1, \dots, n \quad (3)$$

The first theorem states that all the characteristic numbers μ of

$$\frac{dy_s}{dt} = \sum_{r=1}^n [p_{rs}(t) + f_{rs}(t)] y_r \quad (2)$$

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1027/1227

On the stability of solutions...

satisfy $\mu_i \geq \lambda_i - \gamma - C(\gamma)\eta$, where $\eta = \max_{t \geq 0} \left(\sum_{s=1}^n |f_{sr}(t)| \right)$

The second result is that all the characteristic numbers of

$$\frac{dy_s}{dt} = \sum_{r=1}^n P_{rs}(t)Y_r + F_s(t, y_1, \dots, y_n), \quad s = 1, \dots, n \quad (6)$$

are not smaller than λ_i , provided that $\lambda_i > 0$ and $|F_s| \leq \alpha \sum_{r=1}^n y_r^2$

The third result contains conditions that $\mu_i = \lambda_i$ ($\mu_i = \lambda_i$) in case of (2). Finally if the question of stability of solutions is settled for (1), it is shown how to settle it for (2), provided that

$$\nu < \frac{C(\gamma)\eta}{\lambda_i - \gamma} < 1$$

ASSOCIATION: Katedra teoreticheskoy mekhaniki (Cathedral of theoretical mechanics), Moscow University

SUBMITTED: March 26, 1962

Card 2/2

SAMSONOV, V., mayor; ALEKSANDROV, Yuriy

Notes of a naturalist. IUn. nat. no.12:36-37 D '62. (MIRA 16:1)
(Partridges) (Grouse)

SAMSONOV, V.A.

Stability of solutions to systems of differential equations
in certain cases. Vest. Mosk. un. Ser.1: Mat., mekh. 17
no.5:74-78 S-O '62. (MIRA 15:9)
(Differential equations, Linear)

SANSONOV, V. A.

"The Clinicoanatomical Characteristics of Primary Lung Cancer." Cand Med
Sci, First Leningrad Medical Inst imeni I. P. Pavlov, Petrozavodsk, 1954.
(KL, No 9, Feb 55)

SC: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (14)

SAMSONOV, V.A.

[Incipient cancer of the lungs; clinical and anatomical characteristics]
Pervichnyy rak legkogo; kliniko-anatomicheskaya kharakteristika.
Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1955. 164 p.
(LUNGS--CANCER) (MIRA 10:3)

SAMSONOV, V.A., kandidat meditsinskikh nauk.

~~Second republic scientific and practical conference of pathoan-~~

atomists and medical forensic experts of the Karelian S.S.R.

Ark. pat. 18 no.1:131-132 '56

(MLRA 9:6)

(KARELIAN S.S.R.--MEDICINE)

SAMSONOV, V.A. (Petrozavodsk)

Phlegmonous gastritis; clinical and morphologic analysis of three observations. Klin.med. 34 no.11:63-67 N '56. (MLBA 10:2)

1. Iz patologoanatomicheskogo otdeleniya (zav. - kandidat meditsinskikh nauk V.A.Samsonov) Respublikanskoy bol'nitsy (glavnyy vrach L.T.Filimonova) Ministerstva zdravookhraneniya Karel'skoy ASSR.

(GASTRITIS, case reports
phlegmonous)

(PHLEGMON, case reports
phlegmonous gastritis)

SAMSONOV, V.A., kandidat meditsinskikh nauk.

Third republic conference on theory and practice for
pathoanatomists and experts in forensic medicine of the Karelo-Finnish
S.S.R. Arkh. pat. 19 no.1:91-93 '57 (MLRA 10:4)
(ANATOMY, PATHOLOGICAL) (MEDICAL JURISPRUDENCE)

Samsonov, V.A.
SAMSONOV, V.A.

Gastric cancer in an 18-year-old patient. Sov.med. 21 Supplement:21
'57. (MIRA 11:2)

1. Iz patologoanatomicheskogo otdeleniya respublikanskoy bol'nitsy
Ministerstva zdravookhraneniya Karel'skoy ASSR.
(STOMACH--CANCER)

SAMSONOV, V.A.
SAMSONOV, V.A., kand.med.nauk (Petrozavodsk)

~~Case of gastric cyst associated with adenomatous polyp. Klin.med.~~
35 no.7:139-142 J1 '57. (MIRA 10:11)

1. Iz patologoanatomicheskogo otdeleniya (zav. - kandidat meditsinskikh nauk V.A.Samsonov) respublikanskoy bol'nitsy (glavnyy vrach L.T.Filimonov) Ministerstva zdravookhraneniya i sotsial'nogo obespecheniya Karelskoy ASSR.

(STOMACH NEOPLASMS, case reports,
adenomatous polyp with cyst (Rus))

(POLYPI, case reports,
stomach, with cyst (Rus))

SAMSONOV, V.A.

SAMSONOV, V.A., kand.med.nauk (Petrozavodsk)

~~Perforated~~ Perforated peptic ulcer of the jejunum. Klin.med. 35 no.11:82-86
N '57. (MIRA 11:2)

1. Iz khirurgicheskogo otdeleniya (zav. V.P.Kononov) i patologo-anatomicheskogo otdeleniya (zav. - kandidat meditsinskikh nauk V.A. Samsonov) respublikanskoy bol'nitsy (glavnyy vrach L.T.Filimonova) Ministerstva zdravookhraneniya i sotsial'nogo obespecheniya Karel'skoy ASSR.

(PEPTIC ULCER, perf.
jejunal, clin. aspects & surg.)

SAMSONOV, V.A. (g.Petrozavodsk, pr. Karla Marksa, d.36, kv. 39)

Morphological and clinical picture of mediastinal sarcomas [with
summary in English]. Vop.onk. 4 no.1:49-51 '58. (MIRA 11:4)

1. Iz patologoanatomicheskogo otdeleniya (zav. - kand. med.nauk
V.A. Samsonov) Respublikanskoy bol'nitsy (glavnyy vrach - L.T.
Filimonova) Ministerstva zdravookhraneniya i sotsial'nogo obespe-
cheniya Karelo-Finskoy ASSR.

(MEDIASTINUM, neoplasms,
sarcoma, pathol. & clin. aspects (Rus))

(SARCOMA,
mediastinum, pathol. & clin. aspects (Rus))

SAMSONOV, V.A. (Petrozavodsk)

Tumors; based on sections from the pathoanatomical divisions of
Ivanovo hospitals for the period 1932-1951. Arkh.pat. 20 no.1:
54-60 '58. (MIRA 13:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. P.P.Yerofeyev)
Ivanovskogo gosudarstvennogo meditsinskogo instituta i patologoanato-
micheskogo otdeleniya Ministerstva zdравookhraneniya i sotsial'nogo
obespecheniya Kareli'skoy ASSR.
(TUMORS)

SAMSONOV, V.A., kand.med.nauk

Pyonephrosis of a double kidney in pregnancy. Akush. i gin. 34
no.2:89-92 Mr-Apr '58. (MIRA 11:5)

1. Iz patologoanatomicheskogo otdeleniya (zav. -kand.med.nauk
V.A. Samsonov) Respublikanskoy bol'nitsy (glavny vrach L.T. Filimonova)
Ministerstva zdravookhraneniya i sotsial'nogo obespecheniya
Karel'skoy ASSR.

(PREGNANCY, compl.

pyonephrosis of double kidney (Rus))

(PYONEPHRITIS, in pregn.

of double kidney (Rus))

GUTKIN, K.A., kand.med.nauk, zaslyzhennyy vrach respubliky.
SAMSONOV, V.A., kand.med.nauk (Petrozavodsk)

Giant mixed tumor (fibromyoma in a cystoma) of the round ligament of
the uterus. Akush. i gin. 34 no.4:102-103 J1-Ag '58 (MIRA 11:9)

1. Iz ginekologicheskogo i patologoanatomicheskogo otdeleniy
Respublikanskoy bol'nitsy (glavnyy vrach L.T. Filimonova) Ministerstva
zdravookhraneniya i sotsial'nogo obespecheniya Kazakhskoy ASSR.

(PELVIC SUPPORTING STRUCTURES, neoplasms
mesothelioma of round ligament (Rus))

(MESOTHELIOMA, case reports
round ligament (Rus))

SAMSONOV, V.A., kand.med.nauk (Petrozavodsk)

Clinical picture of perforated gastric and duodenal ulcers. Klin.
Med. 36 no.2:40-46 F '58. (MIRA 11:4)

1. Iz khirurgicheskogo otdeleniya (zav. V.P.Kononov) i patologo-
anatomicheskogo otdeleniya (zav. - kandidat meditsinskikh nauk
V.A.Samsonov) Respublikanskoy bol'nitsy (glavnyy vrach L.T.
Filimonova) Ministerstva zdravookhraneniya i sotsial'nogo obespe-
cheniya Karel'skoy ASSR.

(PEPTIC ULCER, perf.
clin.manifest. & surg. (Rus))

SAMSONOV, V.A., kand.med.nauk (Petrozavodsk)

Perforation of malignant ulcers and cancerous tumors of the stomach
into the free abdominal cavity. Klin.med. 36 no.4:75-80 Ap'58

(MIRA 11:5)

1. Iz patologoanatomicheskogo otdeleniya (zav. - kand.med.nauk
V.A. Samsonov) Respublikanskoy bol'nitsy (glavnyy vrach L.T. Filimonova)
Ministerstva zdravookhraneniya i sotsial'nogo obespecheniya Karel'
skoy ASSR.

(STOMACH NEOPLASMS, compl.
perf. into abdom. cavity (Rus))

SAMSONOV, V.A., kand.med.nauk (Petrozavodsk)

Perforated gastric ulcer following removal of stomach contents with
a large sound. Klin.med. 36 no.6:140-141 Je '58 (MIRA 11:7)

1. Iz Respublikanskoy bol'nitsy (glavnyy vrach L.T. Filimonova)
Ministerstva zdravookhraneniya i sotsial'nogo obespecheniya Karel'skoy
ASSR.

(PEPTIC ULCER, perf.

after aspiration of stomach contents with large tube
(Rus))

(ASPIRATION,

gastric, in peptic ulcer, with consecutive perf. (Rus))

SAMSONOV, V.A., kand.med.nauk (Petrozavodsk)

Metastasis of bronchogenic cancer into the mediastinum. Klin.
med. 36 no.12:119-121 D '58. (MIRA 12:6)

1. Iz patologoanatomicheskogo otdeleniya (zav. - kand.med.nauk
V.A.Samsonov) Respublikanskoy bol'nitsy (glavnyy vrach -
zasluzhennyy vrach Karel'skoy ASSR L.T.Filimonova) Ministerstva
zdravookhraneniya i sotsial'nogo obespecheniya Karel'skoy ASSR.

(LUNG NEOPLASMS

bronchogenic, with metastasis into mediastinum
(Rus))

(MEDIASTINUM, neoplasms

metastasis from bronchogenic lung cancer (Rus))

SAMSONOV, Viktor Aleksandrovich

[Complications of gastric and duodenal peptic ulcer; clinical and anatomical characteristics] Oslozhneniia iazvennoi bolezni zheludka i dvenadtsatiperstnoi kishki; kliniko-anatomicheskaiia kharakteristika. Petrosavodsk, Gosizdat Karel'skoi ASSR, 1959. 279 p. (MIRA 13:7)

(PEPTIC ULCER)

SAMSONOV, V.A., kand.med.nauk

Fourth Republic Conference of Pathoanatomists and Forensic Medical
Experts in the Karelian A.S.S.R. Arkh.pat. 21 no.3:93-95 '59.
(MIRA 12:12)

(KARELIA--MEDICINE--CONGRESSES)

SAMSONOV, V.A. (Petrozavodsk)

Acute intestinal obstruction in a child related to an unusual form of the vitello-intestinal duct (association of Meckel's diverticulum with umbilical fistula. Arkh.pat. 21 no.4:68-70 '59. (MIRA 12:12)

1. Iz patologoanatomicheskogo otdeleniya (zav. - kand.med.nauk V.A. Samsonov) Respublikanskoy bol'nitsy (glavnyy vrach L.T. Filimonova) Ministerstva zdavookhraneniya i sotsial'nogo obespecheniya Karelskoy ASSR.

(INTESTINAL OBSTRUCTION, in inf. & child,
caused by Meckel's diverticulum with umbilical
fistula (Bus))

(MECKEL'S DIVERTICULUM, in inf. & child,
with umbilical fistula, causing intestinal obstruct.
(Bus))

(UMBILICUS, fistula,
intestinal obstruct. in child caused by Meckel's
diverticulum with umbilical fistula (Bus))

SAMSONOV, V.A., kand.med.nauk; PRIBLUDA, B.A.

Work of the pathoanatomical section of the Karelian Society of
Physicians during 1957 and 1958. Arkh.pat. 21 no.6:89-90 '59.
(MIRA 12:12)

1. Predsedatel' sektiis patologoanatomov nauchnogo obshchestva vra-
chey Karel'sko ASSR (for Samsonov). 2. Sektsii patologoanatomov
nauchnogo obshchestva vrachey Karel'skoy ASSR (for Pribluda).
(KARELIA--PATHOANATOMICAL SOCIETIES)

SAMSONOV, V.A.

Combination of bleeding ulcer and subserous fibroma of the
stomach. Vop. onk. 6 no.4:82-85 Ap '60. (MIRA 14:3)
(STOMACH--TUMORS) (PEPTIC ULCER)

SAMSONOV, V.A. (Petrozavodsk)

Teratoma of the mediastinum in a 3-month-old infant. Arkh.pat.
22 no.7:67-69 '60. (MIRA 14:1)

1. Iz patologoanatomicheskogo otdeleniya (zav. - kand.med.nauk V.A.
Samsonov) Respublikanskoy bol'nitsy (glavnyy vrach - zasluzhennyy
vrach Karel'skoy ASSR L.T.Filimonova) Ministerstva zdravookhraneniya
i sotsial'nogo obespecheniya Karel'skoy ASSR.
(MEDIASTINUM--TUMORS) (INFANTS--DISEASES)

SAMSONOV, V.A.

Combination of perforated gastric and duodenal ulcer with hemorrhage
from the ulcer. Klin. med. 38 no. 4:71-75 Ap '60. (MIRA 14:1)
(PEPTIC ULCER) (HEMORRHAGE)

SAMSONOV, V.A.

Analysis of 36 cases of perforation of gastroduodenal ulcer in combination with hemorrhage. Vest.khir. 85 no.9:71-78 S 460.
(MIRA 13:11)

1. Iz kafedry patologicheskoy anatomii (zav. kafedroy - prof. P.V. Sipovskiy) Leningradskogo gosudarstvennogo ordena Lenina instituta usovershenstvovaniya vrachey im. S.M. Kirova.
(PEPTIC ULCER)

SAMSONOV, V.A., kand.med.nauk

Complications and causes of death in peptic ulcer. Vest.khir.
no.4:83-87 '61. (MIRA 14:4)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. P.V.
Sipovskiy) Leningradskogo ordena Lenina instituta usover-
shenstvovaniya vrachey im. S.M. Kirova.
(PEPTIC ULCER) (DEATH—CAUSES)

SAMSONOV, V.A., kand.med.nauk

Clinical aspects, immediate and late results in the treatment of
a perforating ulcer of the stomach and duodenum. Vest.khir. no.6:
122-126 '61. (MIRA 15:1)

1. Iz 2-y khirurgicheskoy kliniki (zav. - prof. G.A. Gomzyakov)
Leningradskogo ordena Lenina instituta usovershenstvovaniya
vrachey im. S.M. Kirova.
(PEPTIC ULCER)

SAMSONOV, V. A. (Leningrad)

Candida carrier state and candidiasis in peptic ulcer. Arkh. pat.
no.12:16-21 '61. (MIRA 15:7)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. P. V.
Sipovskiy) Leningradskogo ordena Lenina gosudarstvennogo insti-
tuta dlya usovershenstvovaniya vrachey imeni S. M. Kirova (dir. -
A. Ye. Kiselev)

(MONILIASIS) (PEPTIC ULCER)

SAMSONOV, V. A. (Leningrad)

Analysis of the causes of undiagnosed peptic ulcer of the stomach
and duodenum. Klin. med. no.2:26-31 '62. (MIRA 15:4)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. P. V.
Sipovskiy) Leningradskogo ordena Lenina instituta dlya us-
vershenstvovaniya vrachey imeni S. M. Kirova (dir. - dotsent
A. Ye. Kiselev)

(PEPTIC ULCER)

SAMSONOV, V. A. (Leningrad)

Atherosclerosis according to autopsy data from Petrozavodsk. Arkh.
pat. no.2:37-42 '62. (MIRA 15:2)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. P. V. Sipovskiy)
Leningradskogo gosudarstvennogo ordena Lenina instituta dlya us-
vershenstvovaniya vrachey imeni S. M. Kirova (dir. - dotsent
A. Ye. Kiselev).

(PETROZAVODSK--ARTERIOSCLEROSIS)

SAMSONOV, V.A. (Leningrad)

Pathology of perforating ulcer of the stomach and duodenum.
Ark. pat. 24 no.9:19-24 '62. (MIRA 17:4)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. P.V. Sĭpovskiy)
Leningradskogo gosudarstvennogo ordena Lenina instituta dlya usover-
shenstvovaniya vrachey imeni S.M. Kirova (dir. - dotsent A.Ye.
Kisel'dv).

SAMSONOV, V.A.

Petr Petrovich Erofeev, 1903-1962; an obituary. Arkh.
pat. no.1:90-91 '63. (MIRA 17:10)

SAMSONOV, V.A.; DROBNER, V.L. (Petrozavodsk)

Tumorlike endometriosis of the urinary bladder with a compression of the prevesical section of the ureter. Arkh. pat. 27 no.3:77-79 (MIRA 18:5)
'65.

1. Kafedra patologicheskoy anatomii (zav. - doktor med. nauk V.A. Samsonov) meditsinskogo fakul'teta Petrozavodskogo gosudarstvennogo universiteta i Ob'yedinennaya otdelennaya klinicheskaya bol'nitsa (glavnyy vrach M.D. Vishnevskaya) st. Petrozavodsk Oktyabr'skoy zheleznoy dorogi.

SAMSONOV, V.A.; ANTIPINA, A.N. (Leningrad)

Osteoid osteoma, Arkh. pat. 27 no.5:15-19 '65.

(MIRA 18:5)

1. Leningradskiy nauchno-issledovatel'skiy institut travmatologii
i ortopedii (dir. - prof. V.S.Balakina).

ACC NR: AP7001998

SOURCE CODE: UR/0040/66/030/006/1112/1114

AUTHOR: Samsonov, V. A. (Moscow)

ORG: none

TITLE: On the equilibrium stability of a physical pendulum filled with a liquid

SOURCE: Prikladnaya matematika i mekhanika, v. 30, no. 6, 1966, 1112-1114

TOPIC TAGS: pendulum mechanics, motion stability, fluid mechanics

ABSTRACT: Sufficient conditions are obtained for a weak minimum of the functional F (derived earlier by Rumyantsev for this problem) when the body represents a heavy physical pendulum containing a cylindrical cavity filled with two heavy liquids. The problem of the weak minimum of F is reduced to the determination of the conditions for the minimum of a G which is a function of the body coordinates. It is assumed that an equilibrium position exists in which the separation surface is at a finite distance from the ends of the cavity and intersects with the lateral walls which, for the sake of simplicity, are assumed to be vertical. It is also assumed that the heavier liquid is below the separation surface. A method is presented for obtaining the function G and conditions are introduced for the minimum of G . A particular case is also considered when the cavity consists of a circular cylinder. The author expresses his gratitude to Rumyantsev for his interest in the work. Orig. art. has: 4 formulas.

SUB CODE: 20,12/ SUBM DATE: 25Dec65/ ORIG REF: 003

Card 1/1

SERGEYEVA, Z.I.; SHTERN, I.Ya.; KUZ'MINA, N.L.; EUVINA, S.M.,
Prinimali uchastiye: SPIRKINA, V.I.; SAMSONOV, V.D.; GULINKINA, I.R.

Dyeing of elastic foam polyurethan and the application of a printed
pattern to it. Plast.massy no.2:25-27 '62. (MIRA 15:2)
(Plastics) (Polyurethan)

SAISONOV V. D.
AID Nr. 974-11 22 May

SELF-EXTINGUISHING ELASTIC FOAMED POLYURETHANE (USSR)

Sidorov, V. A., I. M. Zverev, V. P. Aref'yev, and V. D. Samsonov.
Plasticheskiye massy, no. 4, 1963, 69-70. S/191/63/000/004/014/015

Self-extinguishing elastic foamed polyurethane ППУ has been prepared by adding up to 25 parts of tricresyl or trichloroethyl phosphate to 118 parts of the polyurethane starting material. The new material can be produced with existing equipment. The physical and mechanical properties of experimental self-extinguishing ППУ were shown to meet the TV 35 XII-395-62 T. specifications, but addition of phosphates considerably lowers the heat resistance of ППУ. The self-extinguishing ППУ is easier to make with tricresyl than with trichloroethyl phosphate, and the product has better physical and mechanical properties. [BAO]

Card 1/1

MYSHLYAYEV, I.V., nauchnyy sotrudnik; RUBINA, S.I., kand. tekhn. nauk;
Prinimali uchastiy: ZALOMAYEV, Yu.L.; SAMSONOV, V.D., inzh.

The "Doubles," new decorative-facing double-ply materials
made with the use of polyurethane foams. Nauch.-issl. trudy
VNIPIK no.14:75-83. '63. (MIRA 18:12)

1. Nachal'nik laboratorii Vladimirskego nauchno-issledovatel'-
skogo instituta sinteticheskikh smol (for Zalomayev).

1. SAMSONOV, V.F.
2. USSR (600)
4. Vol'sk Region - Dikes (Geology)
7. New data on dikes in the Vol'sk region V.F. Samsonov, Dokl.AN SSSR 87 no. 5 1952

9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

SAMSONOV, V. F.

Dissertation: "Neptunian Dikes of the Manny-Say Basin." Cand Geol-Min Sci, Saratov State U, Saratov, 1953. Referativnyy Zhurnal--Geologiya, Geografiya, Moscow, Jul 54.

SO: SUM No. 356, 25 Jan 1955

SAMOYLOVICH, V.G.; FILIPPOV, Yu.V.

Electrosynthesis of ozone in a cycling system. Part 7. Zhur.fiz.khim.
37 no.1:23-29 Ja '63. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

LOMONOSOV, Yu.M., inzh.; SAMSONOV, V.G., inzh.

Use of plastics in repairing equipment at the Tashkent Excavator Plant. Mashinostroitel' no.1:15-16 Ja '60.

(MIRA 13:4)

(Tashkent--Industrial equipment--Maintenance and repair)
(Plastics)

UKHINOV, V.A.; SAMSONOV, V.G.

[Plastics as material to be used in the manufacture of machinery] Plastmassy - material dlia mashinostroeniia. Donetsk, Donetskoe knizhnoe izd-vo, 1962. 41 p.

(MIRA 16:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut plastmass (for both).
(Plastics) (Machinery industry)

SAMSONOV, V., inzh.; BAGRIY, Ya. [Bahrii, IA.], inzh.; BELYKH, V. [Bialykh, V.],
inzh.

Butt joints for glass pipe made of glass reinforced plastic.
Bud. mat. i konstr. 4 no.2:32-34 Mr-Ap '62. (MIRA 15:9)
(Pipe, Glass) (Glass reinforced plastics) (Pipe joints)

SAMSONOV, V.G.

Device for the hardening of large cylindrical gears on high-frequency equipment. Metalloved. i term. obr. met. no.3:58-59 Mr '63.
(MIRA 16:3)

1. Tashkentskiy ekskavatornyy zavod.
(Gearing) (Induction heating)

~~L-60043-65~~ EWT(m)/EPF(c)/EWP(v)/EWP(j)/T- Pc-4/Pr-4/Ps-4 WU/JAJ/RM
ACCESSION NR: AP5018043 UR/0191/65/000/007/0064/0064
678-416.017

AUTHOR: Zybin, Yu. A.; Samsonov, V. G.; Kharakhash, V. G.; Dorfman, E. M. 32 B

TITLE: Lined plastics and their testing

SOURCE: Plasticheskiye massy, no. 7, 1965, 64

TOPIC TAGS: plastic material, polyfluoroethylene resin, polyethylene, adhesive bonding, plastic mechanical property, shear strength, cleavage strength, lined plastic

ABSTRACT: Stable plastics such as polyfluoroethylene resins and polyethylene cannot be deposited on metal surfaces because they do not adhere without special pretreatment of these surfaces. To eliminate this disadvantage, such plastics are joined to other materials, forming lined plastics which combine the high chemical stability of polyfluoroethylene resins and polyethylene with the adhesive properties of other materials. The adhesion bonds are subjected to shearing and cleavage tests. In many cases, it is important to know the behavior of the adhesion bonds under dynamic loads and impact loads. A method for carrying out the above tests is described. It is recommended as the basis for standardized testing of lined plastics bonded to metals. Orig. art. has: 1

Card 1/2

L 5043-65

ACCESSION NR: AP5018043

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[illegible]

SUBMITTED: 4

ENC L: 00

SUB CODE: MT

4-FF-507-101

OTHER: 000

SAFONOV, A.I.; PRIBYLOVSKIY, L.A.; SAMSONOV, V.G.

Lining of the inner surface of pipes in the electrostatic field.
Plast. massy no.8:56-59 '65. (MIRA 18:9)

~~SAMSONOV~~, Vladimir Georgiyevich, inzh.; KHARAKHASH, Viktor
Georgiyevich, inzh.; MIRONENKO, Nikolay Ivanovich, inzh.;
SAFONOV, Aleksandr Ivanovich, inzh.; PESIKOV, Ruvim
Semenovich, inzh.; ALEKSEYEV, Nikolay Nikolayevich, inzh.;
KOKHNO, Yu.A., inzh., retsenzent

[Anticorrosive plastic coatings] Protivokorroziionnye plast-
massovye pokrytiia. Kiev, Tekhnika, 1965. 89 p.
(MIRA 18:12)

SAMSONOV, G.V., otv. red.; GRIGOR'YEVA, V.V., kand. tekhn. nauk,
red.; YEREMENKO, V.N., red.; NAZARCHUK, T.N., kand. khim.
nauk, red.; FEDORCHENKO, I.M., akademik, red.; FRANTSEVICH,
I.N., akademik, red.; YAROTSKIY, V.D., red.; GILELAKH, V.I.,
red.

[High-temperature inorganic compounds] Vysokotemperaturnye
neorganicheskie soedineniia. Kiev, Naukova dumka, 1965.
471 p. (MIRA 18:12)

1. Akademiia nauk URSS, Kiev. Instytut problem materialoznavstva.
2. Chlen-korrespondent AN Ukr.SSR (for Yeremenko, Samsonov).
3. Akademiya nauk Ukr.SSR (for Fedorchenko, Frantsevich).

L 15313-66 EWP(e)/EWT(m)/EWP(w)/ETC(F)/EPF(n)-2/ENG(m)/T/EWP(t)/EWP(b) IJP(c)
ACC NR: AT6003651 JD/WW/JG/GS/AT/WH SOURCE CODE: UR/0000/65/000/000/0059/0071

AUTHOR: Samsonov, G. V.

ORG: nona

TITLE: Investigation of the physico-chemical nature of metalloid and nonmetallic refractory compounds by the microhardness method 72
44.50, 21 Q+1

SOURCE: Soveshchaniye po mikrotverdosti. 2d. 1963. Metody ispytaniya na mikrotverdost'. Pribery. (Methods and instruments for microhardness testing). Moscow, Izd-vo Nauka, 1965, 59-71

TOPIC TAGS: hardness, ~~metal compound~~, transition element, ~~transition metal oxide~~, nitride, carbide, silicide, ~~boride~~, *refractory compound*, *electron density*, *crystal structure*

ABSTRACT: This review of microhardness is concerned with metalloid and nonmetallic refractory compounds; no new experimental results are reported. The author attempts to show that microhardness depends mainly on two factors: electron density and crystal structure. The microhardness of a number of transition metals, carbides, nitrides, borides, and silicides is compared in terms of the electron-accepting ability of the d-orbitals = $1/Nn$, where n is the number of electrons in the incompleated d-orbital and N the principal quantum number of the d-orbital. This method was described previously by the author (Fizicheskiye svoystva nekotorykh faz vnedreniya. Dokl. AN SSSR, 1953, 93, 689). It is noted that microhardness increases with increase in $(1/Nn)$ and with

Card 1/2

L 15313-66

ACC NR: AT6003651

the degree of symmetry of the electron distribution (see Fig. 1).

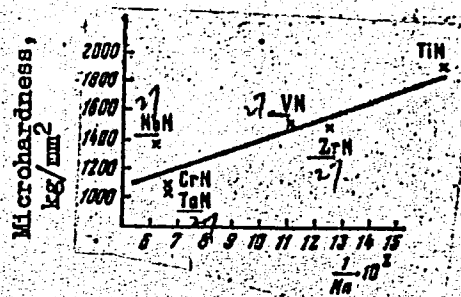


Fig. 1. Dependence of microhardness of mononitrides (MeN) on the acceptor ability of transition metal atoms.

For nonmetallic compounds, the microhardness depends on the nature of the p-function and decreases with increase in the principal quantum number of the p-electrons. Orig. art. has: 2 tables and 8 graphs.

SUB CODE: //, 14/ SUBM DATE: 18Jun65/ ORIG REF: 034

CC

Card 2/2

SAMSONOV, G.V.

Classification of carbides. Porosh. mat. 5 no.1:98-106
Ja '65. (MIRA 18:10)

1. Institut problem materialovedeniya AN UkrSSR.

SAMSONOV, G.V.; PONOMAREVA, R.B.; BOLOTINA, I.A.

Study of physicochemical characteristics of α -chymotrypsin and its B and C chains. Biofizika 10 no.3:520-522. '65.
(MIRA 18:11)

1. Institut vysokomolekulyarnykh soyedineniy, Leningrad.
Submitted Nov. 21, 1964.

SAMSONOV, G.V.; ETINGOV, Ye.D.

Selectivity of ion-exchange sorption of ristomycin on cation-exchange resins. Antibiotiki 10 no.11:992-996 N '65.

(MIRA 19:1)

1. Leningradskiy khimiko-farmatsevticheskiy institut. Submitted April 26, 1965.

L 27221-66 EWP(j)/EWT(m)/I/EWP(t) IJP(c) RM/JD/HW/WB
ACC NR: AM6002129 Monograph

UR/

40

B+1

Samsonov, Vladimir Georgiyevich; Kharakhash, Viktor Georgiyevich;
Mironenko, Nikolay Ivanovich; Safonov, Aleksandr Ivanovich;
Pesikov, Ruvim Semenovich; Alekseyev, Nikolay Nikolayevich

Anticorrosion plastic coatings (Protivokorroziionnyye plastmassovyye
pokrytiya) Kiev, Izd-vo "Tekhnika," 1965. 89 p. illus., biblio.
5000 copies printed.

TOPIC TAGS: material control, plastic coating, corrosion inhibition

PURPOSE AND COVERAGE: The booklet deals with the problems of using
polymeric materials for anticorrosion protection of the inner
surfaces of tubes, pipelines, and valves. The use of these
materials makes it possible to economize on nonferrous metals
and stainless steel, as well as to increase the useful life of
ferrous metals. Technological methods are described, and economic
data on the protection of equipment with polymeric materials are
presented. The booklet is intended for specialists in the chemical
and food industries who deal with the problems of anticorrosion
protection of plant apparatus. There are 47 references, of which
43 are Soviet.

TABLE OF CONTENTS:

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UDC: 678.026

L 27221-66

ACC NR: AM6002129

Introduction -- 5

Physical and mechanical properties of some plastics -- 7

Lining of cavities -- 19

Lining of pipelines -- 38

Lining of metal pipes with powder-type plastics -- 48

Lining of valves -- 74

Bibliography -- 88

SUB CODE: 11/ SUBM DATE: 23Sep65/ ORIG REF: 038/ OTH REF: 009

Card 2/2 CC

SAMSONOV, V.I., inzh.

Theory of the starting of a high-power low-speed marine diesel engine. Izv.vys.ucheb.zav.; mashinostr. no.7:113-121 '61.
(MIRA 14:9)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Marine diesel engines)

SAMSONOV, V.I., assistant

Investigating optimum values for opening and closing angles of starting valves of powerful marine diesel engines. Izv.vys. ucheb.záv.; mashinostr. no.9:113-123 '61. (MIRA 14:12)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Marine diesel engines--Testing)

SAMSONOV, V.I., inzh.

"Accounting in the collection and processing of scrap metals"
by M.P. Berkovich. Reviewed by V.I. Samsonov. Stal' 21 no.10:
948-949 0 '61. (MIRA 14:10)

1. Soyuzglavmetall.
(Scrap metal industry--Accounting)
(Berkovich, M.P.)

L 29955-65 EWT(m)/EWP(t)/EWP(b) JD

ACCESSION NR: AP5003494

S/0148/65/000/001/0037/0042

AUTHOR: Samsonov, V.I.; Farber, E.V.

TITLE: Temperature field of an ingot during fusion with electrode consumption

SOURCE: IVUZ. Chernaya metallurgiya, no. 1, 1965, 37-42

TOPIC TAGS: ingot, ingot formation, electrode smelting, ingot meniscus, ingot temperature field

ABSTRACT: Fusion in arc ovens with electrode consumption is not fully understood as far as the thermal processes accompanying the ingot formation from the smelt are concerned. Knowledge of the temperature field of the hardening ingot is, however, necessary for the development of the smelting technology from the viewpoint of the macrostructure of metals, distribution of the alloy component, mechanical properties, etc. To elucidate this question, the authors developed an analytic computational method for the calculation of the temperature field in the vertex part of the ingot based on the experimentally known fact that, from a certain instant of time, the shape and dimensions of the liquid meniscus remain unaltered. This quasi-stationary state is examined on a cylindrical ingot using moving coordinates connected to its upper face, and the discussion starts from the non-stationary Fourier equation for the nonstationary temperature field in the absence of

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L 29955-65

ACCESSION NR: AP5003494

2
internal sources. The results of the calculation show that an increase in the heat transfer coefficient at the surface of the ingot may be achieved only to a certain limit by reducing the radius of the meniscus, the limit depending on the heat conductivity of the material and the radius of the ingot. This conclusion was confirmed experimentally using a 345 mm diameter ingot. Other calculations show that the kinetics of hardening are easier to control in the case of ingots of rectangular cross section, and that a reduction in cooling intensity significantly increases the dimensions of the liquid bath. "Bachelor of Engineering Sciences I. B. Kumanin supervised the work." Orig. art. has: 23 formulas and 5 figures.

ASSOCIATION: Moskovskiy institut stali i splavov (Moscow steel and alloys institute)

SUBMITTED: 14May64

ENCL: 00

SUB CODE: MM

NO REF SOV: 006

OTHER: 000

Card 2/2

L 63456-65 EPF(n)-2/EPA(s)-2/EWT(m)/EWP(b)/EWP(t) WN/JD/JG

ACCESSION NR: AR5017410

UR/0137/65/000/006/V040/V040

SOURCE: Ref. zh. Metallurgiya, Abs. 6V260

AUTHOR: Farber, E. V.; Samsonov, V. I.

TITLE: Heat transfer between an ingot and crystallizer when melting with a consumable electrode

CITED SOURCE: Elektrotermiya. Nauchno-tekhn. sb., vyp. 39, 1964, 24-27

TOPIC TAGS: heat transfer, ingot crystallization, vacuum melting, metal melting, helium, arc furnace

TRANSLATION: The heat transfer coefficient from an ingot to a crystallizer in an arc furnace with a consumable electrode has been determined. For vacuum melting this coefficient is $100 \text{ kcal/m}^2 \text{ hr degree}$, and for melting in a helium atmosphere it is $200 \text{ kcal/m}^2 \text{ hr degree}$. It was established by calculation that an increase in the degree of cooling of the ingot above a certain critical value of the Biot number has practically no effect at the bottom of the bath of liquid metal. For this reason, this is all the more expedient, since with an increase in the Biot

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L 63456-65

ACCESSION NR: AR5017410

number the temperature of the ingot surface decreases significantly, as a result of which favorable conditions are created for the formation of cracks. On the other hand, a decrease in the value of the Biot number leads to an infinite increase in the depth of the bath. Orig. art. has: 5 figures, 2 tables. G. Lyubimova

SUB CODE: MM

ENCL: 00

Card 2/2

SOV/58-59-8-17415

Translated from: Referativnyy Zhurnal Fizika, 1959, Nr 8, p 67 (USSR)

AUTHORS: Val'ter, A.K., Klyucharev, A.P., Krivets, G.Ye., Samsonov, V.M.

TITLE: Nuclear Reactions Under the Bombardment of Beryllium With He^3

PERIODICAL: Uch. zap. Khar'kovsk. un-t, 1958, Vol 98, Tr. fiz. otd. fiz.-matem. fak., Nr 7, pp 145-151

ABSTRACT: This article investigates the nuclear reactions which take place during the bombardment of beryllium with the nuclei of He^3 at 1.5 Mev energy. A beam of He^3+ ions, accelerated by means of an electrostatic generator, struck a beryllium target 0.5μ thick which had been applied to a platinum backing. The products of the reactions were registered on a photographic plate with an emulsion 200μ thick, which was inclined in such a fashion that it was struck by particles flying out at an angle of 90° to the beam of He^3 ions. The spectrogram obtained on the film was plotted by 1,790 tracks. It consisted of a continuous spectrum and a discrete spectrum, consisting of five groups. Several maxima are clearly exhibited on the continuous spectrum. In order to interpret them, emulsions were used which permitted the separation of the α -particles from the

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SOV/58-59-8-17415

Nuclear Reactions Under the Bombardment of Beryllium With He^3

protons. It was established in the results that in the case of 1.5 Mev ions of He^3 (which corresponds to the excitation energy of a 26 Mev intermediate nucleus), the protons from a $\text{Be}^9 (\text{He}^3, p) \text{B}^{11}$ reaction correspond to B^{11} levels of 0, 2.1, 4.4, 5.0, 6.7, 7.3, 8.0, 8.5, 8.9 and 9.2 Mev. It is shown that a reaction takes place with an emission of α -particles possessing a maximum energy of 19 Mev, which corresponds to both a $\text{Be}^9 (\text{He}^3, \alpha) \text{Be}^8$ and a $\text{Be}^9 + \text{He}^3 \rightarrow 3\text{He}^4$ reaction. It was not possible to draw any quantitative conclusions concerning the contribution of the individual reactions.

V.I. Man'ko

Card 2/2

SAMSONOV, V. M.

66347

SOV/81-59-19-66953

24.6600

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 19, p 4 (USSR)

AUTHORS: Val'ter, A.P., Klyucharev, A.P., Krivets, G.Ye., Samsonov, V.M.

TITLE: The Cross-Sections of the Reactions $\text{Be}^9(\text{He}^3, p)\text{B}^{11*}$ at an Energy of 1.5 Mev

PERIODICAL: Uch. zap. Khar'kovsk. un-t, 1958, Vol 98, Tr. fiz. otd. fiz.-matem. fak., Vol 7, pp 159 - 161

ABSTRACT: For determining the cross sections of the reactions $\text{Be}^9(\text{He}^3, p)\text{B}^{11*}$ corresponding to B^{11} nucleus excitation energies of 7.3, 5.0 and 4.4 Mev, a thin beryllium target was irradiated by He^3 ions accelerated by means of an electrostatic generator to an energy of 1.5 Mev. The charged particles escaping at an angle of 120° were recorded by photo-plates with an emulsion of 200μ thickness. The quantity of He^3 ions was determined by the current in the target measured by an integrator. Based on the obtained values of the differential cross sections at an angle of 120° and the angular distributions of the three groups of protons, corresponding to the

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66347

SOV/81-59-19-66953

The Cross-Sections of the Reactions $\text{Be}^9(\text{He}^3, p)\text{B}^{11*}$ at an Energy of 1.5 Mev

levels of the nucleus with energies of 7.3, 5.0 and 4.4 Mev, the total cross sections for these three groups were calculated. The following values were obtained (in mbarn) 1.4 ± 0.7 ; 0.5 ± 0.25 and 1.0 ± 0.5 , respectively. The error in the determination of the relative values of the cross-sections does not exceed 10%.

V. Man'ko

✓

Card 2/2

SAMSONOV, V.N.
DUNDUKOV, M.D., inzhener; SAMSONOV, V.N.; KARPENKO, P.A.; KRIGER, N.I.;
KUZ'MIN, P.G., kandidat tekhnicheskikh nauk; SHELYAPIN, R.S.,
kandidat tekhn. nauk; MAKSIMOV, O.H., inzhener; MALYSHEV, M.I.,
professor; RODSHCHIKOV, A.G., kandidat tekhn. nauk; GOL'DSHTEYN, M.N.
professor; ABELEV, Yu.M., professor.

Discussion of the problem of building on coarsely porous settling
soils. Stroi. prom. 33 no.5:40-45 My '55. (MLRA 8:6)
(Soil mechanics)

SAMSONOV, V.N.

SAMSONOV, V.N., inzh.

The cost of foundations can be reduced. Prom.koop. no.11:43 N '57.

(MIRA 10:12)

(Construction industry--Costs)

(Foundations)

~~SAMSONOV, V.N.~~

Engineering geological grading of loess-like soils. Revved. i
okh.nedr 22 no.10:47-53 0 '56. (MLRA 9:12)

1. GPI-1 Ministerstva legkoy promyshlennosti SSSR.
(Engineering geology) (Loess)

SAMSONOV, V.N.

SAMSONOV, V.N.

Using the vertical electric logging in engineering geology prospecting.
Razved. i okh. nedr 23 no.6:48 Je '57. (MIRA 11:2)

1. Gosudarstvennyy proyektnyy institut No.1.
(Prospecting--Geophysical methods)

SAMSONOV, V. P.; ZARETSKIY, N. S.

"The Spatial and Time Distribution of Auroras over the Territory of Yakutya."

report presented at the 13th Gen Assembly, IUGG, Berkeley, Calif, 19-31 Aug 63.

ULIKOV, N.I.; SHAROV, V.L.; VOKHANTSEV, M.F.; KORABEL'NIKOV, P.S.;
BOGUSLAVSKAYA, I.S.; STARKOV, Yu.F.; SAMSONOV, B.P.

Conveyer-type drying and impregnating oven. Prom.energ. 15
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(Electric motors)

SAMSONOV, B. P.

"Structure Types of the Bone and Muscle System of the Extremities of
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SO: Sum 432, 29 Mar 55

SAMSON, V. P. , HSU

---, V. P.

See Section V-I A, "Committee of Soviet War Veterans."

(SAv, 31 Jul 58)

---, V. P., ~~I~~ HSU

Head of ~~delegation~~ delegation of Soviet war veterans which departed Berlin on 16 September 1964 where they participated in ceremonies honoring victims of fascism. Members of the delegation included G. K. PATROV, secretary of the Soviet Committee of War Veterans, and Z. S. BAKHTIYAROV, physician. (KZ, 18 Sep 64)

---, V. P.

Member of committee to assist in preparations for international conference to be held in May 1965. (Trud, 21 Mar 65) [[MR 106]]

B 164

SAMSONOV, V. P.
ESSR, LaSSR, BSSR

MSR
Popic.
27 Jul 65

ke
TYNURIST, E. G., First Dep Chmn, Council of Min, ESSR; addressed a scientific session of the Estonian Scientific-Research Institute of Soil and Amelioration in Saku.

The following persons also addressed the session:

USHANEV, F. S., Sec, CC, CP of Estonia,
MYANNIK, Kh. A., Min of Agriculture, ESSR,
STROGANOV, V. G., Min of Agriculture, LaSSR,
SAMSONOV, V. P., Dep Min of Agriculture, BSSR.

Sovetskaya Estoniya, 28 Jul 65

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DIRECTORY OF ACADEMY OF SCIENCES USSR 1961

Inst. of Petrochemical
Synthesis (cont'd.)

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Special Design Office, tel. V 2-43-00.

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Director, Academician Boris Aleksandrovich Rozinsky, tel.
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Aleksandr Vasilyevich Rubinshteyn, tel. V 7-13-53 (Office), V 7-68-72
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(Cont'd.)

SO: Survey of the Soviet Press, 12 Jan 59, For Official Use Only

Moreover, development of the Kuznetsk Combine has first-magnitude significance because it will be closely connected with the West Siberian Metallurgical Plant now being built in Stalinsk Rayon. The nearness of the two related enterprises to each other will permit the organization of highly effective cooperation in the supply of coking gas, molten iron, steel billets, agglomerate, and raw material.... -- G. Sharov, chief of Technical Department, Kuznetsk Metallurgical Combine, Stalinsk (Sovetskaya Rossiya, 21 Nov 58)

...Recently, the Abakan Iron Ore Mine and the construction site of the Teysk Iron Ore Mine in Khakassiya were transferred from the Kuznetsk Metallurgical Combine to the Krasnoyarskiy Sovmarkhoz. This decision appears to have been a mistake. The experience of many years has convincingly indicated that the merger of mining and metallurgical enterprises gives the best production results....

Metallurgical Combine Official Criticizes Transfer

SHAROV, G.